

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/07858

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q3/62 H04Q3/00 H04M3/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 6 337 858 B1 (FRANK A S ET AL) 8 January 2002 (2002-01-08) cited in the application column 2, line 59 -column 3, line 6 column 3, line 41-65 column 4, line 22-45 column 5, line 65 -column 6, line 9 column 6, line 64 -column 7, line 10 claims 1,29</p> <p style="text-align: center;">--- -/-</p>	1-20

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- * & * document member of the same patent family

Date of the actual completion of the international search

18 November 2003

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Barbelanne, A

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 6 097 804 A (MELICK G R ET AL) 1 August 2000 (2000-08-01)</p> <p>column 2, line 14-22 column 2, line 43-58 column 3, line 18-24 column 3, line 47-56 column 9, line 63 -column 10, line 39 column 12, line 59 -column 13, line 2</p>	1-6, 8-11,13, 14,16-20
X	<p>US 5 862 208 A (MELAMPY P J ET AL) 19 January 1999 (1999-01-19) column 2, line 25-52 column 9, line 18-24</p>	1-6, 16-20
X	<p>US 5 841 854 A (MELAMPY P J ET AL) 24 November 1998 (1998-11-24) column 13, line 31-55 column 18, line 1-7</p>	1-3,16
X	<p>US 2002/057777 A1 (NAGAYAMA YASUFUMI ET AL) 16 May 2002 (2002-05-16) paragraphs '0022!', '0023! paragraphs '0026!', '0028! paragraphs '0069!-'0071!', '0074!</p>	1-6, 16-20

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Information on patent family members

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PCT/EP 03/07858

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